

**Flood Control Project Maintenance
Levee Inspections****LMA District Cover Sheet****Spring 2016 Levee Inspection Results****Sutter Maintenance Yard Tisdale Bypass**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

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SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2016 Levee Inspection Results

Sutter Maintenance Yard Tisdale Bypass

Waterway			Bank	Unit Miles
Unit No. 01 Tisdale Bypass			Left	4.51
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/22/2016 - 3/22/2016			
DWR Inspector	Keith Millard			
Accompanied By	Steve Beckley Sutter Maintenance Yard			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Sutter Maintenance Yard Tisdale Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Tisdale Bypass	Left	4.51	03/22/2016 03/22/2016	Keith Millard

LM Start		Rating **	A	Issue No.	2
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_ST0009_01_s_2013_2				
Comment Code					
Inspector Comment					
Sutter Yard has the O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	4
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_ST0009_01_s_2013_4				
Comment Code					
Inspector Comment					
Sutter Yard has a stockpile of emergency supplies and equipment.					

No Photos

LM Start		Rating **	A	Issue No.	5
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_ST0009_01_s_2013_5				
Comment Code					
Inspector Comment					
Sutter Yard had flood fight training October 2014.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Sutter Maintenance Yard Tisdale Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Tisdale Bypass	Left	4.51	03/22/2016 03/22/2016	Keith Millard

LM Start	0.40	Rating **	U	Issue No.	7
LM End	0.40	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.028427 °	39.028427 °
				-121.814699 °	-121.814699 °
DWR ID	DWR_ST0009_01_s_2016_7				
Comment Code					
V7 : Trees / Woody Vegetation					
Inspector Comment					
Recently fallen Cottonwood obscuring waterside levee slope.					

Photo 1 of 1 : SP_2016_ST0009_286_7_20160405_00004.jpg



Downed tree obstructing access

LM Start	1.50	Rating **	C	Issue No.	6
LM End	1.50	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.028268 °	39.028268 °
				-121.794308 °	-121.794308 °
DWR ID	DWR_ST0009_01_s_2015_6				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Tree at the waterside toe has been removed.					

No Photos

LM Start	2.19	Rating **	M	Issue No.	3
LM End	4.11	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.028173 °	39.028012 °
				-121.781475 °	-121.745665 °
DWR ID	DWR_ST0009_01_s_2012_3				
Comment Code					
PO : Pole					
Inspector Comment					

Photo 1 of 1 : SP_2016_ST0009_286_3_20160316_00001.jpg



View of the PG&E poles along the landside crown of the levee.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Sutter Maintenance Yard Tisdale Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Tisdale Bypass	Left	4.51	03/22/2016 03/22/2016	Keith Millard

LM Start	2.42	Rating **	U	Issue No.	8	
LM End	2.42	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			39.028110 °		39.028110 °
				-121.777177 °		-121.777177 °
DWR ID	DWR_ST0009_01_s_2016_8					
Comment Code						
V7 : Trees / Woody Vegetation						
Inspector Comment						
Downed Cottonwood on Waterside Levee.						

No Photos

LM Start	3.65	Rating **	M	Issue No.	10
LM End	3.65	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.027911 °	39.027911 °
				-121.754224 °	-121.754224 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:48379 DS_ID:16590 EP_NO: 14740 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 4/18/2016 Carsonite marker on WS shoulder is missing.5/7/2015 Marker on WS shoulder missing.11/13/2014 Same as last inspection.5/12/2014 Same as last inspection.10/30/2013 Same as last inspection.5/20/2013 Carsonite marker on WS shoulder missing and should be replaced. FIELD_STRUCT_DESC: 4-inch pipe through levee and under channel, 2.5 feet below crown. Carsonite signs on both landside (LS) and waterside (WS) shoulder. Gas Wells 200-feet off of LS toe. Drawings available. (Permit No. 14740, 1988-Nahama and Weagant Energy Co.) [Additional Reference(s): DWR Levee Log, 1993] FS Date: 4/22/2016 1:11:00 PM					

Photo 1 of 1 : UCIP_SP_2016_48379_64220.jpg



Carsonite sign on LS shoulder with view of gas well in background.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Sutter Maintenance Yard Tisdale Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Tisdale Bypass	Left	4.51	03/22/2016 03/22/2016	Keith Millard

LM Start	4.50	Rating **	M	Issue No.	11
LM End	4.50	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.032801 °	39.032801 °
				-121.743360 °	-121.743360 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:48384					
DS_ID:16855					
EP_NO: 14455					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: 4/18/2016 Carsonite marker on LS slope is broke					
off.5/7/2015 Crossing is in good condition. No noticeable issues to					
report.11/13/2014 Same as last inspection.5/12/2014 Same as last					
inspection.10/30/2013 Same as last inspection.5/20/2013 Same as					
last inspection.					
FIELD_STRUCT_DESC: 1 of 2: 4-1/2-inch steel natural gas pipeline					
through levee, 2 feet below crown. Line goes across the Sutter Bypass					
and through both levees. Carsonite sign on landside (LS) slope.					
Drawings are available. (Permit No. 14455, 1986-Depco Inc.)					
[Additional Reference(s): DWR Levee Log, 1993]					
FS Date: 4/22/2016 1:13:00 PM					

LM Start	4.50	Rating **	M	Issue No.	11 (cont)
LM End	4.50	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP_SP_2016_48384_64235.jpg



Carsonite sign on LS slope.

Photo 2 of 2 : UCIP_SP_2016_48384_64234.jpg



Carsonite sign on LS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Sutter Maintenance Yard Tisdale Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Tisdale Bypass	Left	4.51	03/22/2016 03/22/2016	Keith Millard

LM Start	4.50	Rating **	M	Issue No.	9
LM End	4.50	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.032801 °	39.032801 °
				-121.743360 °	-121.743360 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:48378 DS_ID:16589 EP_NO: 14455 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 4/18/2016 Craosnite marker on LS slope is broken off.5/7/2015 Crossing is in good condition. No noticeable issues to report.11/13/2014 Same as last inspection.5/12/2014 Same as last inspection.10/30/2013 Same as last inspection.5/20/2013 Same as last inspection. FIELD_STRUCT_DESC: 2 of 2: 4-1/2-inch steel natural gas pipeline through levee, 2 feet below crown. Line goes across the Sutter Bypass and through both levees. Carsonite sign on landside (LS) slope. Drawings are available. (Permit No. 14455, 1986-Depco Inc.) FS Date: 4/22/2016 1:14:00 PM					

LM Start	4.50	Rating **	M	Issue No.	9 (cont)
LM End	4.50	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP_SP_2016_48378_64233.jpg



Carsonite sign on LS slope.

Photo 2 of 2 : UCIP_SP_2016_48378_64232.jpg



Carsonite sign on LS slope.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2016 Levee Inspection Results

Sutter Maintenance Yard Tisdale Bypass

Waterway			Bank	Unit Miles
Unit No. 02 Tisdale Bypass			Right	4.43
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/23/2016 - 3/23/2016			
DWR Inspector	Keith Millard			
Accompanied By	Steve Beckley Sutter Maintenance Yard			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Sutter Maintenance Yard Tisdale Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Tisdale Bypass	Right	4.43	03/23/2016 03/23/2016	Keith Millard

LM Start	0.11	Rating **	M	Issue No.	1
LM End	0.26	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.023760 °	39.024559 °
				-121.818875 °	-121.816344 °
DWR ID	DWR_ST0009_02_s_2012_1				
Comment Code					
DT : Ditch					
Inspector Comment					
Monitor the ditch for erosion.					

Photo 1 of 1 : SP_2016_ST0009_287_1_20160316_00001.jpg



View of the agricultural ditch along the landside toe.

LM Start	0.52	Rating **	M	Issue No.	2
LM End	1.74	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.025539 °	39.025398 °
				-121.811540 °	-121.789006 °
DWR ID	DWR_ST0009_02_s_2012_2				
Comment Code					
DT : Ditch					
Inspector Comment					
Monitor the ditch for erosion.					

Photo 1 of 1 : SP_2016_ST0009_287_2_20160316_00002.jpg



View of the agriculture ditch next to the landside toe.

LM Start	0.58	Rating **	M	Issue No.	8
LM End	0.58	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.025582 °	39.025582 °
				-121.810568 °	-121.810568 °
DWR ID	DWR_ST0009_02_s_2016_8				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Couple of downed trees obscuring waterside slope.					

Photo 1 of 1 : SP_2016_ST0009_287_8_20160405_00013.jpg



Downed tree limb obstructing access

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Sutter Maintenance Yard Tisdale Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Tisdale Bypass	Right	4.43	03/23/2016 03/23/2016	Keith Millard

LM Start	1.01	Rating **	M	Issue No.	3
LM End	1.01	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			39.025542 °	39.025542 °
				-121.802468 °	-121.802468 °
DWR ID	DWR_ST0009_02_s_2012_3				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Sutter Yard needs to monitor the erosion.					

Photo 1 of 1 : SP_2016_ST0009_287_3_20160316_00003.jpg



View of the erosion along the waterside berm.

LM Start	1.14	Rating **	M	Issue No.	291
LM End	1.14	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.025503 °	39.025503 °
				-121.800053 °	-121.800053 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:48383 DS_ID:16594 EP_NO: 267 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 4/18/2016 Erosion happening around the WS concrete vault.5/7/2015 Burrowing near WS toe stil present.11/13/2014 Same as last inspection.5/12/2014 Same as last inspection.10/30/2013 Same as last inspection.5/20/2013 Same as last inspection.10/17/2012 Burrowing along downstream side of concrete vault on WS Toe. May need to be grouted. FIELD_STRUCT_DESC: 54-inch concrete irrigation pipe through levee, 29.5 feet below the crown. Slide gates on both waterside (WS) and landside (LS) ends. WS end gate in 5-foot by 6-foot concrete box. LS end gate in concrete "U" headwall. Siphon pipe under and across bypass, steel concrete encased. (Permit No. 267 & 290 - Sutter Basin Water Co.) [Additional Reference(s): DWR Levee Log, 1993. USACE Sacramento O&M Manual 129, August 1955 (Station 61+25)]. FS Date: 4/22/2016 1:06:00 PM					

Photo 1 of 2 : UCIP_SP_2016_48383_64675.jpg



Slide gate at concrete outlet on LS toe.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

Sutter Maintenance Yard Tisdale Bypass

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Sutter Maintenance Yard Tisdale Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Tisdale Bypass	Right	4.43	03/23/2016 03/23/2016	Keith Millard

LM Start	1.29	Rating **	M	Issue No.	4
LM End	1.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			39.025478 °	39.025478 °
				-121.797232 °	-121.797232 °
DWR ID	DWR_ST0009_02_s_2013_4				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Sutter Yard needs to monitor the erosion.					

Photo 1 of 1 : SP_2016_ST0009_287_4_20160316_00004.jpg



View of the erosion along the waterside berm.

LM Start	1.50	Rating **	M	Issue No.	5
LM End	1.50	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			39.025446 °	39.025446 °
				-121.793347 °	-121.793347 °
DWR ID	DWR_ST0009_02_s_2013_5				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Sutter Yard needs to monitor the erosion.					

Photo 1 of 1 : SP_2016_ST0009_287_5_20160316_00005.jpg



View of the erosion along the waterside berm.

LM Start	2.18	Rating **	M	Issue No.	9
LM End	2.18	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.025382 °	39.025382 °
				-121.780723 °	-121.780723 °
DWR ID	DWR_ST0009_02_s_2016_9				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 1 : SP_2016_ST0009_287_9_20160405_00014.jpg



Downed tree obstructing access

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Sutter Maintenance Yard Tisdale Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Tisdale Bypass	Right	4.43	03/23/2016 03/23/2016	Keith Millard

LM Start	2.29	Rating **	M	Issue No.	10
LM End	2.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.025386 °	39.025386 °
				-121.778787 °	-121.778787 °
DWR ID	DWR_ST0009_02_s_2016_10				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Fallen tree on WS slope.					

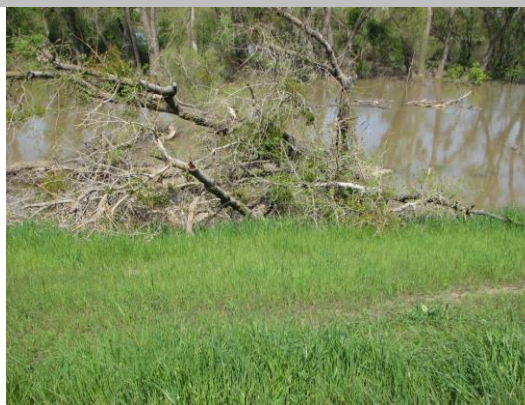
Photo 1 of 1 : SP_2016_ST0009_287_10_20160405_00015.jpg



Downed tree limb obstructing access

LM Start	2.66	Rating **	M	Issue No.	11
LM End	2.66	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.025303 °	39.025303 °
				-121.771867 °	-121.771867 °
DWR ID	DWR_ST0009_02_s_2016_11				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Fallen tree obscuring waterside slope.					

Photo 1 of 1 : SP_2016_ST0009_287_11_20160405_00016.jpg



Downed tree obstructing access

LM Start	3.43	Rating **	M	Issue No.	12
LM End	3.43	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.025193 °	39.025193 °
				-121.757457 °	-121.757457 °
DWR ID	DWR_ST0009_02_s_2016_12				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Fallen tree on WS slope.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Sutter Maintenance Yard Tisdale Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Tisdale Bypass	Right	4.43	03/23/2016 03/23/2016	Keith Millard

LM Start	4.20	Rating **	M	Issue No.	292
LM End	4.20	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.024079 °	39.024079 °
				-121.743420 °	-121.743420 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:48386 DS_ID:23099 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 4/18/2016 Crossing appears to be in good condition. No noticeable issues to report.5/7/2015 Crossing is in good condition. No noticeable issues to report.11/13/2014 Same as last inspection.5/12/2014 Same as last inspection.10/30/2013 Same as last inspection.10/17/2012 Need to identify permit for crossing. FIELD_STRUCT_DESC: Unknown size natural gas pipeline through the levee at an unknown depth. Markers visible on landside (LS) shoulder and toe and waterside (WS) shoulder and toe. No photos available. No permit has been identified since crossing was field discovered in 2012. FS Date: 4/22/2016 1:12:00 PM					

LM Start	4.20	Rating **	M	Issue No.	292 (cont)
LM End	4.20	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP_SP_2016_48386_64681.jpg



Marker on LS shoulder and toe

Photo 2 of 2 : UCIP_SP_2016_48386_64680.jpg



Marker on WS shoulder

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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